REMARKS

In response to the Office Action mailed September 22, 2005, Applicant amends this application and requests reconsideration. In this amendment, no claims are cancelled and claims 13 and 14 are added. Accordingly, claims 1-14 are pending.

An interview was conducted in connection with this application on December 15, 2005. The interview participants consisted of the inventor, Dr. Paul C. Clark, the undersigned, and Examiner Ponnoreay Pich. Applicant and the undersigned would like to thank Examiner Pich for the helpful comments and suggestions offered during the interview.

During the interview, Dr. Clark demonstrated several slides to help illustrate the operation of the claimed invention. A copy of the slide presentation will follow. In addition, Dr. Clark demonstrated an example of the invention operating in real time. All pending claims were discussed with respect to U.S. Patent No. 6,609,196 B1 (Dickenson). No agreement as to claim language was reached as to the applicability of the reference.

The rejection under 35 U.S.C. §101 was discussed. Applicant posited that §101 rejection is improper in view of the recent Board of Appeals decision in *In re Lundgren*. Examiner Pich mentioned that the Examiners have been given new 101 guidelines which may moot many of the 101 rejections.

Turning now to the substance of the Office Action, with respect to the drawings, the Office Action notes that Figure 5 should be labeled "prior art". Applicant respectfully disagrees with this assertion. Figure 5 depicts an exemplary logical unit in accordance

with the invention. This is reflected in the amendment to paragraph [0028] of the disclosure.

Paragraphs [0030], [0040] and [0052] of the specification were objected to as containing informalities. Similarly, claims 1, 2 and 11 were objected to as containing informalities. Appropriate correction to the specification and claims is made herein.

Claims 1-12 were rejected under 35 U.S.C. § 112, second paragraph as indefinite. Appropriate correction is made herein.

Claims 1-12 were rejected under 35 U.S.C. § 101 as being directed to non-statutory subject matter. Specifically, the Office Action asserted that each of claims 1-12 was directed to software by itself. Applicant has amended claims 1, 4-6, 9, 11 and 12. As mentioned by the Examiner during the interview, the Patent Office has changed its interpretation of §101 since the Office Action was issued. It is respectfully submitted that the claims 1-12, both in their amended and unamended form, are not limited to software itself and, as such, are drawn to statutory subject matter.

Claims 1-7 and 9-12 were rejected under 35 U.S.C. § 102(e) as anticipated by Dickenson, III et al., U.S. Patent No. 6,609.196 (hereinafter Dickenson). This rejection is respectfully traversed.

It is well settled that in order for a reference to anticipate a claim, the reference must disclose each and every limitation of the claim. Here, Dickenson fails to disclose each and every limitation of the rejected claims. Hence, it is submitted that Dickenson does not anticipate claims 1-7 and 9-12.

Claim 1 is directed to a method of operation of a logical unit to facilitate secure communication between first and second domains. The method includes the limitation

of receiving an encrypted data transmission over an outbound proxy from a security

client disposed in the first domain and determining whether the data transmission is

recognized prior to transmitting the data transmission. Dickenson does not teach the

foregoing limitation. Accordingly, Dickenson does not anticipate claim 1. It follows that

claim 1 is properly allowable. Dependent claims 2-5 are likewise properly allowable.

Claim 6 is directed to an article of manufacture including a computer readable

medium having computer readable program code for causing a first logical unit to

determine whether an enhanced data transmission is recognized. As mentioned above,

Dickenson does not teach recognition of a data transmission. In contrast Dickenson

teaches personal identification of an e-mail sender. See Col. 8, lines 12-22. Given its

deficient disclosure, Dickenson cannot anticipate claim 6. It follows that claim 6 is

properly allowable. Dependent claims 7, 9 and 10 are likewise properly allowable.

Claim 11 is directed to a logical unit programmed to facilitate secure

communication between first and second domains. Claim 11 includes the following

limitation:

"a processor programmed to receive enhanced data transmitted from a first
logical unit and to identify the sender of the enhanced data, said processor including a
plurality of proxies, at least one of the plurality of proxies corresponding to an outbound
proxy of the first logical unit.."

Dickenson does not teach, suggest or disclose a programmed processor including a

plurality of proxies where at least one of the plurality of proxies corresponds to an

outbound proxy of a first logical unit. Accordingly, Dickenson cannot anticipate claim

11. It follows that claim 11 is properly allowable.

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Claim 12 is directed to a logical system including a logical unit having a similar limitation to claim 11. Accordingly, for the reasons expressed above for the allowability of claim 11, claim 12 is submitted to be properly allowable.
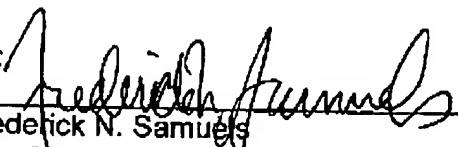
Claim 8 was rejected under 35 U.S.C. §103 (a) as unpatentable over Dickenson. This rejection is respectfully traversed.

As mentioned above with respect to claim 6, Dickenson does not teach suggest or disclose determining whether the enhanced data transmission is recognized. Dickenson is completely silent as to this concept. Accordingly, the subject matter of claim 6 would not have been obvious.

New claims 13 and 14 were added to more completely define the invention. It is submitted that claims 13 and 14 are allowable over the art of record.

In view of the foregoing, it is asserted that the application is in condition for allowance. Reconsideration of the rejection and a favorable action on the merits are respectfully requested.

Respectfully submitted,

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March 22, 2006

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